

## **Meshcapade: Full Stack Engineer (x,f,m)**

Engineering /Full Time/ Remote or Tübingen

### **Who are we?**

Meshcapade is the 3D digital human company. We are creating realistic human avatars for use in apparel, games, fitness, AI, and augmented reality. Using machine learning and computer vision, we model the nuances of human body shape and movement. We automatically convert photos, 3D & 4D scans, RGB-D sequences, Mocap and even words into realistic 3D humans. We are a spin-off from the Max Planck Institute for Intelligent Systems in Tübingen, Germany and our products are powered by state of the art, patented research. Our core product, Meshcapade Me, is an online platform for the creation, animation, and use of 3D digital humans. Our clients run the gamut of global names; a broad mix of tech, media, health and fitness, apparel, and education.

We are looking for a highly experienced back-end engineer to join our team. You will be responsible for the server-side web application logic as well as for the maintenance and seamless integration of the front-end. The successful candidate will be able to demonstrate a track record of outstanding backend development experience. We are a small startup and every member of our team is expected to pitch in where necessary, up to and beyond the edges of their wheelhouse. We're looking for someone who will speak their mind with the confidence which experience brings.

### **What you will be doing:**

- Help drive the development and maintenance of our core product Meshcapade.Me
- Develop and maintain web applications and APIs used by customers around the globe
- Build infrastructure and interfaces that are maintainable, flexible and scalable
- Anticipate customer needs, proactively fix problems and develop new features
- Implement designs from wireframes, prototypes, and briefs using modern web technologies
- Communicate with backend engineers about API requirements and refinements

### **Who you are:**

- Minimum of 5 years progressive experience of full stack engineering
- Strong proficiency in React and its core principles with at least 5 years work experience in React
- Experience with web technologies including REST, HTML 5 and CSS
- Experience integrating third-party APIs for auth, payment, etc
- 1+ year working experience of computer science fundamentals (object-oriented design, data structures, algorithm design, problem solving and complexity analysis)
- Computer Science or Software Engineering Bachelor's degree, or equivalent experience
- Experience with version control, CI/CD and testing frameworks
- Stellar soft skills: you will be an individual who takes an active role within team, and will work to understand the core problems we seek to solve

### **Bonus Skills**

- Experience with Nextjs
- Experience working with 3D assets, WebGL and threejs
- Experience working with AWS infrastructure
- Experience with Linux Containers and Docker

**Talent Acquisition Process:**

- Interview with our Talent Acquisition team;
- Interview with the Engineering team members;
- Technical Assessment;
- Debrief and interview with stakeholders;
- Meeting with our CEO

**What we offer:**

- Salary from €80,000 depending upon experience
- A competitive compensation package;
- Full remote working support;
- An entrepreneurial team passionate about creating the technology to power the world's avatars;
- Opportunity to work with an internationally diverse team;
- Great perks (autonomy, flexible working hours, hardware budget, co-working space allowance and team events).

*Diversity isn't just a statement at Meshcapade, it sits at the core of the company.*

*We believe in the diversity of thought because we appreciate that this makes us stronger. Therefore, we encourage applications from everyone who can offer their unique experience to our collective achievements.*

Apply here: [job@neckar-hub.com](mailto:job@neckar-hub.com)

Your contact person is Naureen Mahmood

We are looking forward to receiving your application!